

## On the types of Lasiocampidae described by F. BRYK

(Lepidoptera)

by

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**Резюме:** Сведение Т. ВИТТОМ *Malacosoma neustrium chosensis* BRYK к *M. neustrium testaceum* MOTSCH. подвепждается; *Gastropacha quercifolia coreopacha* BRYK синонимизируется с *G. quercifolia cerridifolia* FELD.; *Metanastria undans chosenicola* BRYK с *Cyclophragma undans fasciatella* MEN. Таксону *Gastropacha populifolia clathrata* BRYK придан видовой статус; *Gastropacha watanabei* OKANO, 1966 рассматривается как его японский подвид.

In 1948 F. BRYK published a paper with descriptions of some new subspecies of Lasiocampidae from Korea. This was astonishing in itself, because taxa of subspecific rank have been known already for all these species from the neighbouring territories of the Far East.

Types of 4 taxa were received thanks to the courtesy of Dr. BERT GUSTAFSSON, Naturhistoriska Riksmuseet, Stockholm. Studying them yielded the following results:

*Malacosoma neustrium chosensis* BRYK, 1948 (fig. 1)

### Material

[Holo]typus: ♂, Korea, Motojondo, 4.VIII. 1935; S. BERGMAN leg.

Paratypes: Korea, Motojondo, 30.VII.1935 – 5 ♂♂, 4.VIII.1935 – 3 ♂♂, 8.VIII.1935 – 1 ♂, S. BERGMAN leg.; Korea, Shuotsu, 22.VII.1935 – 2 ♂♂, 4.VIII.1935 – 1 ♂, 22.VIII.1935 – 1 ♂, S. BERGMAN.

Types have been examined before by THOMAS WITT (Munich) and he was absolutely correct in synonymizing ssp. *chosensis* BRYK with *Malacosoma neustrium testaceum* MOTSCHULSKY, 1860.

*Gastropacha quercifolia coreopacha* BRYK, 1948 (fig. 2)

### Material

[Holo]typus: ♂, Korea, Motojondo, 30.VII.1935, S. BERGMAN leg.

Paratypes: 4 ♂♂, same data.

Types of ssp. *coreopacha* BRYK have been attributed to the nominate subspecies by WITT. At present times the Far East populations of this species are referred to as ssp. *cerridifolia* FELDER & FELDER (TSCHISTJAKOV & BELJAEV, 1984).

**Material**

[Holo]typus: ♂, Korea, Shuotsu, 24.VII.1935, S. BERGMAN leg.

Paratypus: ♂, same locality, 21.VII.1935.

These types have also been examined by WITT and attributed to the nominate subspecies. But the situation is much more interesting. By both, external characters – absence of a tooth on the top of forewing A1, deep darkness in the wing ground colour – and male genitalia structure (fig. 6) – especially form and situation of cornuti on vesica – it is obvious, that *clathrata* BRYK has to belong to a different taxon of *populifolia* ESPEL. This taxon is hitherto known as *watanabei* OKANO, 1966. BRYK's name having priority over OKANO's, I hereby establish the new status of

*Gastropacha clathrata* BRYK, 1948 **bona spec., stat. nov.**

with two subspecies: *G. clathrata clathrata* BRYK, 1948 (continental part of the Far East: Priamurie and Primorie of Russia, Korea and NE China) and *G. clathrata watanabei* OKANO, 1966, **stat. nov.** (Japan: Honshu, Shikoku, Yakushima).

Type specimen synonymously labelled by red label as "Typus" and figured by BRYK (1948) I designate as "*Gastropacha clathrata* BRYK, 1948, ♂, Holotypus. Design. V. ZOLOTUHN, 1992". The second specimen is without type label, but it was referred to in the description as "Paratypus (abgefliegen)", so I designate it as "Paratypus".

Both types are deposited in the collection of the Naturhistoriska Riksmuseet, Stockholm.

*Metanastris undans chosonicola* BRYK, 1948 (figs. 4, 5)

**Material**

Type: ♂, Korea, Motojondo, 4.VIII.1935, S. BERGMAN leg.

Second type: ♂, Korea, Shuotsu, 10.IX.1935, S. BERGMAN leg.

Paratypes: Shuotsu, 8.IX.1935 – 1 ♂, 15.IX.1935 – 1 ♂; Motojondo, 4.VIII.1935 – 1 ♂, S. BERGMAN leg.

The generic name of this taxon was published in BRYK's paper as "*Metanastris*", but on the moths' labels there is "*D[endrolimus]*". Currently this species is placed within *Cyclophragma* TURNER. All specimens of *chosonicola* BRYK are considerably variable concerning the development of the yellow wings' bands. But altogether they do not differ substantially from *Cyclophragma undans fasciatella* MÉNÉTRIÉS, 1853, known from Russian Amur and Primorie, Korea and NE China. Therefore *chosonicola* BRYK is synonymized with that taxon.

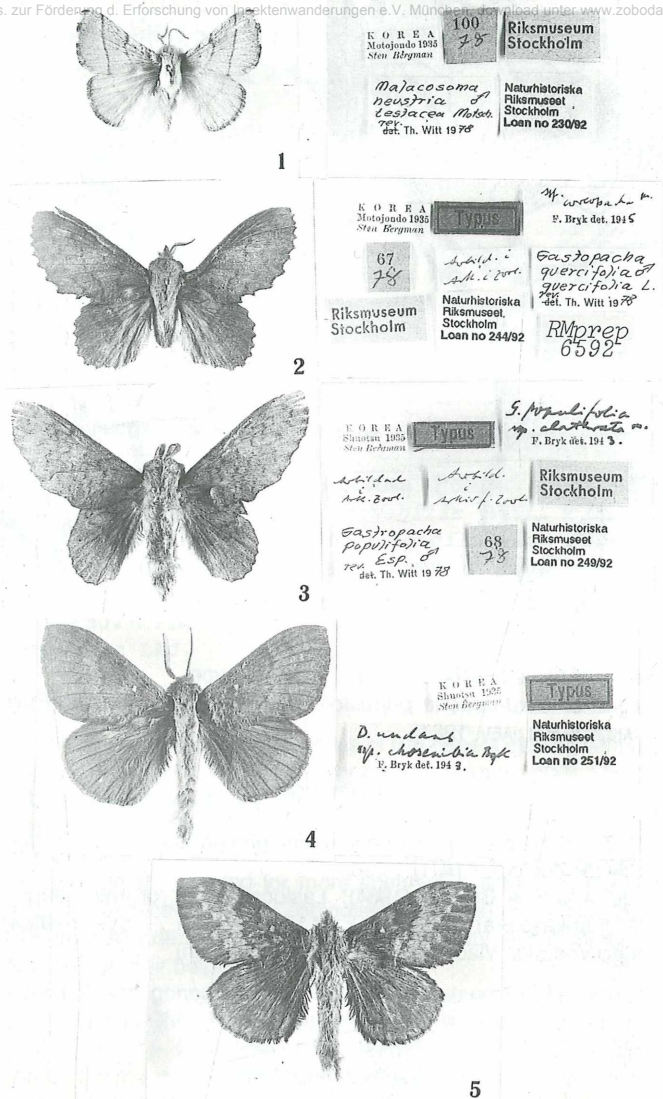


Fig. 1: *M. neustrium chosensis* BRYK; Fig. 2: *G. quercifolia coreopacha* BRYK; Fig. 3: *G. populifolia clathrata* BRYK; Fig. 4, 5: *M. undans chosensis* BRYK.



Fig. 6: Aedoeagus of *Gastropacha clathrata* BRYK, holotype.

Fig. 7: Aedoeagus of *Gastropacha populifolia angustipennis* WALKER, Russian Far East (from TSCHISTJAKOV & BELJAEV, 1984).

#### References

- BRYK, F. (1948): Zur Kenntnis der Großschmetterlinge von Korea. Pars II. Macrofrenatae II. – Arkiv för Zoologi, **41A**(1):1-225.
- TSCHISTJAKOV, JU. A. & E. A. BELJAEV (1984): Lasiocampidae of the genus *Gastropacha* OCHS. (Lepidoptera) of the Far East of the USSR. – Systematica nasekomych Dalnego Vostoka, Vladivostok, p. 56-67 (in russian).

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